Name: .... Class: ....
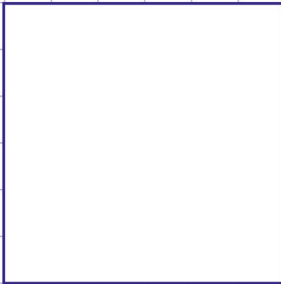
Area of squares and rectangles

1. **Find the area of this square.**

6 cm

Area of square = side x side
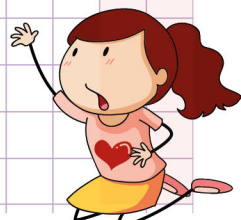
2. **Find the area of this rectangle.**

15 mm

20 mm

Area of rectangle = Length x width

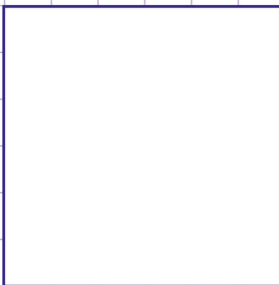3. **Find the missing length if the area of the rectangle is 75 square cm**

S

12.5 cm

mathskills4kids

Name: ....   Class: ....

Area of squares and rectangles

1.   **Find the area of this square.**

6 cm

Area of square = side x side

Side of square = 6cm
Using the formular above we have,
        (6 cm x 6 cm) = 36 cm²

The area is 36 square cm

2.   **Find the area of this rectangle.**
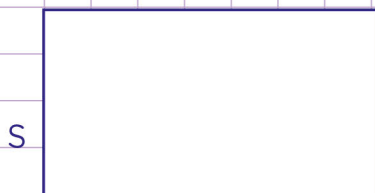
15 mm

20 mm

Area of rectangle = Length x width

Width = 15 mm
Length = 20 mm
Using the formular above we have,
        (20 mm x 15 mm) = 300 mm²

The area is 300 square mm

3.   **Find the missing length if the area of the rectangle is 75 square cm**

S

12 . 5 cm

Area = 75 cm²
Width = 12.5 cm
Using the formular (Area = Length x Width),
we have $\longrightarrow$ 75 cm² = S x 12 .5 cm
                    S = 75/ 12.5
                    S = 6 cm

Therefore, the length = 6 cm